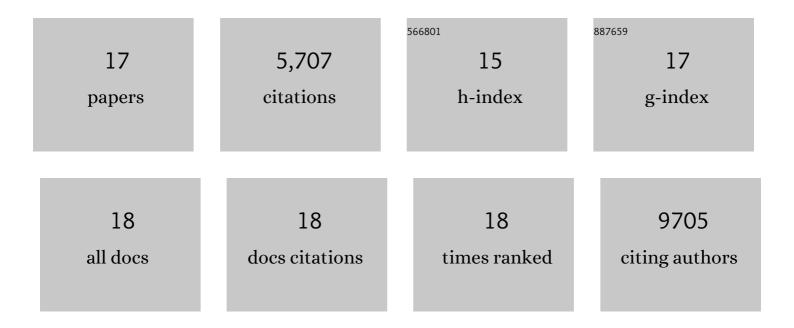
Sébastien Herzig

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | AMPK: guardian of metabolism and mitochondrial homeostasis. Nature Reviews Molecular Cell Biology, 2018, 19, 121-135. | 16.1 | 2,247 |
| 2 | AMP-activated protein kinase mediates mitochondrial fission in response to energy stress. Science, 2016, 351, 275-281. | 6.0 | 816 |
| 3 | SLP-2 is required for stress-induced mitochondrial hyperfusion. EMBO Journal, 2009, 28, 1589-1600. | 3.5 | 639 |
| 4 | Identification and Functional Expression of the Mitochondrial Pyruvate Carrier. Science, 2012, 337, 93-96. | 6.0 | 588 |
| 5 | Membrane Remodeling Induced by the Dynamin-Related Protein Drp1 Stimulates Bax Oligomerization. Cell, 2010, 142, 889-901. | 13.5 | 360 |
| 6 | Genetic Liver-Specific AMPK Activation Protects against Diet-Induced Obesity and NAFLD. Cell Reports, 2019, 26, 192-208.e6. | 2.9 | 202 |
| 7 | Mitocellular communication: Shaping health and disease. Science, 2019, 366, 827-832. | 6.0 | 154 |
| 8 | Mitochondrial dynamics and cancer. Seminars in Cancer Biology, 2009, 19, 50-56. | 4.3 | 149 |
| 9 | Genetic Analysis Reveals AMPK Is Required to Support Tumor Growth in Murine Kras-Dependent Lung Cancer Models. Cell Metabolism, 2019, 29, 285-302.e7. | 7.2 | 145 |
| 10 | Daptomycin resistance mechanisms in clinically derived Staphylococcus aureus strains assessed by a combined transcriptomics and proteomics approach. Journal of Antimicrobial Chemotherapy, 2011, 66, 1696-1711. | 1.3 | 126 |
| 11 | Use of an Automated Multiple-Locus, Variable-Number Tandem Repeat-Based Method for Rapid and High-Throughput Genotyping of Staphylococcus aureus Isolates. Journal of Clinical Microbiology, 2005, 43, 3346-3355. | 1.8 | 97 |
| 12 | Mitochondrial Dynamics: To be in Good Shape to Survive. Current Molecular Medicine, 2008, 8, 131-137. | 0.6 | 62 |
| 13 | Embryonic Lethality of Mitochondrial Pyruvate Carrier 1 Deficient Mouse Can Be Rescued by a Ketogenic Diet. PLoS Genetics, 2016, 12, e1006056. | 1.5 | 56 |
| 14 | High-throughput typing of Staphylococcus aureus by amplified fragment length polymorphism (AFLP) or multi-locus variable number of tandem repeat analysis (MLVA) reveals consistent strain relatedness. European Journal of Clinical Microbiology and Infectious Diseases, 2009, 28, 39-45. | 1.3 | 37 |
| 15 | Life without the mitochondrial calcium uniporter. Nature Cell Biology, 2013, 15, 1398-1400. | 4.6 | 18 |
| 16 | Comparison of CRISPR Genomic Tagging for Affinity Purification and Endogenous Immunoprecipitation Coupled with Quantitative Mass Spectrometry To Identify the Dynamic AMPKα2 Interactome. Journal of Proteome Research, 2019, 18, 3703-3714. | 1.8 | 6 |
| 17 | Feasibility of neurochemically profiling mouse embryonic brain and its development in utero using 1 H MRS at 14.1ÂT. NMR in Biomedicine, 2019, 32, e4163. | 1.6 | 1 |